Product datasheet

NIGHT BREAKER LASER H11

Halogen light with excellent brightness



Up to 150% more brightness
More light allows to see farther and therefore react sooner compared to the minimum legal standard

Up to 150m long beam
For better visibility

Up to 20% whiter light
More modern look compared to the minimum legal standard



Strong halogen light for high demands

Thanks to innovative laser ablation technology, NIGHT BREAKER LASER halogen headlight lamps shine up to 150% brighter compared to the minimum legal standard. The highly engineered filament ensures an extra light boost. Consequently, the lamps provide an up to 150m long beam and up to 20% whiter light compared to the minimum legal standard. More light and improved visibility can help drivers identify and react to traffic hazards more quickly. Last but not least: OSRAM NIGHT BREAKER LASER impresses with its unique design (laser-engraved product name) and complete portfolio (H1, H3, H4, H7, H8, H11, HB3, HB4).

© 2026, OSRAM GmbH. All rights reserved.

Product datasheet

Technical data

Product information

Application (Category and Product specific)	Halogen headlight lamp

General Product Information

Global order reference	64211NL

Electrical Data

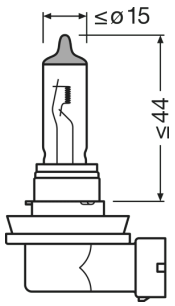
Power input	62 W [1)]
Nominal voltage	12 V
Nominal wattage	55 W
Test voltage	13.2 V

[1)] Maximum

Photometric Data

Nominal luminous flux	1350 lm
Luminous flux tolerance	±10 %
Color temperature	3200 K

Physical Attributes & Dimensions



Diameter	12.0 mm
Product weight	22.20 g
Length	67.0 mm
Lamp base	PGJ19-2

Lifetime Data

Lifespan B3	150 hr
Lifespan Tc	250 hr

© 2026, OSRAM GmbH. All rights reserved.

Product datasheet

Capabilities

Technology	HAL

Certificates & standards

ECE category	H11

Environmental & Regulatory Information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Primary article identifier	4062172395243 | 4062172131384 | 4052899991286 | 4052899991262 | 4052899999015 | 4062172114479 | 4062172114356 | 4052899991859 | 4052899579125 | 4052899991934 | 4062172387712 | 4052899991224 | 4052899991422 | 4052899991873
Candidate list substance 1	No declarable substances contained
Declaration no. in SCIP database	No declarable substances contained

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899991422	NIGHT BREAKER LASER H11	Folding carton box 1	33 mm x 37 mm x 71 mm	0.41 dm^3	28.00 g
4052899991446	NIGHT BREAKER LASER H11	Shipping carton box 100	341 mm x 191 mm x 154 mm	10.03 dm^3	3021.00 g
4062172387712	NIGHT BREAKER LASER H11	HFB ECO 2	100 mm x 51 mm x 120 mm	0.41 dm^3	73.00 g
4062172387729	NIGHT BREAKER LASER H11	Shipping carton box 10	266 mm x 111 mm x 134 mm	3.96 dm^3	446.00 g
4062172395243	NIGHT BREAKER LASER H11	BLI ECO 1	95 mm x 32 mm x 135 mm	0.41 dm^3	33.00 g
4062172395250	NIGHT BREAKER LASER H11	Shipping carton box 10	194 mm x 144 mm x 110 mm	3.07 dm^3	386.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

Download Data

	File
	User instruction GPRS_Safety symbols instructions

© 2026, OSRAM GmbH. All rights reserved.

	Addon Technical Information Product Certificates HAL
	ref_pim_amsp_product360degreeimages NIGHT BREAKER LASER H11

Legal advice
Light output compared to the minimum ECE R112/R37 requirementsH4/H7/H8/H11/HB3/HB4

Application advice
For more detailed application information and graphics please see product datasheet.

Disclaimer
Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.



OSRAM

© 2026, OSRAM GmbH. All rights reserved.